

## AMENDMENTS to the SPECIFICATION:

The paragraph beginning on Page 2, line 9 is amended as follows:

Accordingly, the supercharged gas turbine engine of the present invention comprises an open-cycle core gas turbine engine for generating shaft power output, said core engine includes a multi-stage compressor, the first stage of which being either a rotary ram compressor (disclosed in the inventor's earlier International Patent Application Number: PCT/US00/17044 entitled "Rotary ram fluid pressurizing machine") or a rotary ram-in compressor (disclosed in the inventor's earlier U.S. Patent Application serial number 10/669,514 entitled "Rotary ram-in compressor); a supercharger for supercharging intake air of the core engine, said supercharger includes a rotary ram-in compressor and a turbine driven by gases discharged from the core engine and having variable-area nozzle assembly; operator controlled means for elective bleeding of a variable part of the gases discharged from the core engine and supplied to the supercharger turbine, with the amount of the bled part of gases being adjustable by the operator according to the operating condition; at least one pressure sensor for detecting the degree of rise in the pressure of air supplied by the supercharger's compressor, either directly within the intake passage of the core engine's compressor, or indirectly at a selected point in-between the stages of the core engine's compressor; means for adjusting the area of the nozzles of the supercharger's turbine according to the detected degree of rise in the air pressure; and means for adjusting the rate of fuel supply to the core engine according to the pressure level of air supplied by the supercharger's compressor.

The paragraph beginning on Page 10, Line 29 is modified as follows:

In another preferred embodiment, as shown in **FIG. 7**, the arrangement of control means comprises operator controlled valve (\*1) (81) for elective bleeding of a variable part of the gases discharged from the core engine and supplied to the supercharger's turbine; a spring loaded plunger (82) actuated by the pressure level of air (83) in the receiver to adjust the rate of fuel supply (84) to the core engine; a pressure sensor (85) for monitoring the pressure of air (83) provided by the supercharger's compressor; and a

stepping motor (86) controlling the angle of inclination of the vanes (87) of the supercharger's turbine.

The Abstract beginning on Page 14 is modified as follows:

The present invention provides a supercharged open cycle gas turbine engine comprising a core engine for generating shaft power output, ~~said core engine includes a multi-stage compressor, the first stage of which being a rotary ram compressor or a rotary ram-in compressor~~; a supercharger for increasing the pressure of intake air of the core engine, said supercharger includes a rotary ram-in compressor and a turbine driven by gases discharged from the core engine and having variable-area nozzle assembly; operator controlled means for elective bleeding of variable part of the exhaust gases discharged from the core engine and supplied to the supercharger turbine; at least one pressure sensor for detecting the degree of rise in the pressure of air supplied by the supercharger's compressor; and means for adjusting both the area of the nozzles of the supercharger's turbine and the rate of fuel supply to the core engine according to the detected degree of rise in the ~~air~~ pressure of supplied air; ~~and means for adjusting the rate of fuel supply to the core engine according to the pressure level of air supplied by the supercharger's compressor~~.